

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("6527622").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 13:19
S2	39	("5044128"   "5489233"   "5527423"   "5626715"   "5691219"   "5693239"   "5868604"   "5958794"   "6063306"   "6093649"   "6126853"   "6146244"   "6274063"   "6290736"   "6293848").PN. OR ("6527622").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 13:31
S3	2	("6869336").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 13:35
S4	13	("20030139116"   "5527423"   "5691219"   "5693239"   "5958794"   "6126853"   "6146244"   "6293848"   "6527622"). PN. OR ("6869336"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 13:36
S5	7	("1405886").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 13:59
S6	2	"2002289202"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 14:00
S7	2	(10/057206).APP.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 14:30
S8	2	("6332831").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 14:45

S9	2	("6461227").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 14:45
S10	2	("6527622").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 14:46
S11	2	("20030060135").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 14:46
S12	2	("20020076932").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/04 14:47
S13	14	US-5993686-\$.D.ID. OR US-6063306-\$.D.ID. OR US-6328774-\$.D.ID. OR US-6332831-\$.D.ID. OR US-6461227-\$.D.ID. OR US-6527622-\$.D.ID. OR US-20020125460-\$.D.ID. OR US-20020076932-\$. D.ID. OR WO-03064551-\$. D.ID. OR WO- 03064551082003-\$.D.ID. OR US-1283250-\$.D.ID. OR US-1405886-\$.D.ID. OR US-2234800-\$.D.ID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/18 07:16
S14	2	("5358889").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/01 07:11
S16	2	("6043159").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/01 13:25
S17	2	("6746498").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/01 14:54
S18	2	("6261967").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/01 15:03

S19	2	("6797640").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/01 17:01
S20	292917	(noble mear2 metal\$2) or (ruthenium) or (Ru)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:23
S21	116728	(chemcial mechanical planarizat\$3) or (CMP) or (Chemical mechanical polish\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:24
S22	6172	periodic acid	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:24
S23	8085	abrasive near3 ((Silicon dioxide) or (silica) or (SiO) or ("SiO.sub.2") or (SiO2))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:25
S24	10559	S20 and S21	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:25
S25	181	S24 and S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:25
S27	119	S25 and S23	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:26
S28	3346	(438/692).OCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 06:26
S29	217	S28 and S20	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:26

S30	57	S29 and S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:26
S31	1201	(438/693).CQLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 06:27
S32	636	(216/89).CQLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 06:27
S33	107	S31 and S20	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:27
S34	33	S32 and S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:27
S35	636	(216/89).CQLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 06:28
S36	1839	(252/79.1).CQLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 06:28
S37	150	S36 and S20	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:28
S38	43	S37 and S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:28
S39	2	("20030119319").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 06:31

S40	2	("6316365").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 06:32
S41	2929917	(noble mear2 metal\$2) or (ruthenium) or (Ru)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:32
S42	116728	(chemcial mechanical planarizat\$3) or (CMP) or (Chemical mechanical polish\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:32
S43	6172	periodic acid	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:32
S44	10559	S41 and S42	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:32
S45	181	S44 and S43	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:32
S46	2	("6355075").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 06:33
S47	1839	(252/79.1).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 06:33
S48	150	S47 and S41	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/02 06:33
S49	2	("6043159").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 06:34

S50	3891	polishing composition	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/17 14:09
S51	168594	ruthenium or (noble metal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/17 14:09
S52	6475	periodic acid	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/17 14:10
S53	761262	silica	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/17 14:10
S54	19591	removal rate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/17 14:10
S55	128	S50 and S61 and S52 and S53 and S54	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/17 14:10
S56	1925	(252/79.1).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/17 14:10
S57	41	S55 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/17 14:11
S58	1	("6589100").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/17 14:12
S59	1	("20030139116").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/17 14:16
S60	501	(periodic acid) and (silica) and (ruthenium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 06:11
S61	151	S60 and dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 06:11
S62	1	("6527622").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/18 06:25
S63	1	("6551945").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/18 06:25

S64	1	(10/082010).APP.	US-PGRUB; USPAT; USOCR	OR	OFF	2010/06/18 06:26
S65	2	(10/028040).APP.	US-PGRUB; USPAT; USOCR	OR	OFF	2010/06/18 06:53
S66	106647	ruthenium	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 07:21
S67	33	S60 and (tantalum oxide)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 07:21
S68	6564	spherical silica	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 07:29
S69	9	S68 and S60	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 07:30
S70	248	S66 and S68	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 07:31
S71	77	S70 and periodic	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 07:31
S72	1	("6334880").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2010/06/18 07:40
S73	1	("5246624").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2010/06/18 08:28
S74	1	("6261967").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2010/06/18 08:35
S75	1622	ruthenium and (hard mask)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 08:38
S76	84	S75 and periodic	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 08:38
S77	46	S76 and (polish\$3 or planariz\$3)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 08:38
S78	17	S77 and silica	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 08:39

S79	1089	S75 and (polish\$3 or planariz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 08:41
S80	17	S79 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 08:41
S81	17	(periodic acid) and (silica) and (ruthenium) and (hard mask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 12:58
S82	11718	(hard mask) and (CMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 13:06
S83	1925	(252/ 79.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/18 13:06
S84	26	S82 and S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/18 13:06
S85	1	("6258140").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/18 14:18
S86	1	("6527622").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/18 14:27

**EAST Search History (Interference)**

&lt; This search history is empty &gt;

**6/ 18/ 2010 5:29:00 PM****C:\ Documents and Settings\sduclair\ My Documents\ EAST\ Workspaces\ 10568077.wsp**